



## PATENT ABSTRACTS OF JAPAN

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(54) **ELECTROPHOTOGRAPHIC TONER AND  
ELECTROPHOTOGRAPHIC LIQUID DEVELOPER**

## (57) Abstract:

PROBLEM TO BE SOLVED: To provide an electrophotographic toner and an electrophotographic liquid developer being safe to an environment and capable of obtaining excellent color reproducibility since light transmissivity of the final image and a spectroscopic reflection characteristic are excellent in yellow electrophotographic toner and electrophotographic liquid developer capable of coping with the formation of a full color image.

SOLUTION: (1) In a toner mainly composed of a coloring agent and a binder resin, an electrophotographic toner contains a compound and/or its derivative classified into PY180 as a coloring agent, and contains the binder resin having weight average molecular weight of 3000 to 10000. In this binder resin, a glass transition temperature is desirably 30°C to 65°C. (2) An electrophotographic liquid developer is formed by dispersing the toner in an electrically insulating carrier liquid.

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